Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 0001580/224255 Effective October 1, 2003 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Cotumn 1) (Calumn 2) TYPE -OR SMALL ENTITY TOTAL CLAIMS 22 RATE FEE RATE · FEE FOR NUMBER FILED MUMBER EXTRA BASIC FEE 770.00 385.00 BASIC FEE OR 2: TOTAL CHARGEABLE CLAIMS 22 minus 20= XS180 XS 9. 36 INDEPENDENT CLAIMS minus 3 = ン X43-X85-OR MULTIPLE DEPENDENT CLAIM PRESENT 4145m +290= OR 0 * If the difference in column 1 is less than zero, enter "O" in column 2 TOTAL OR TOTAL 978 CLAIMS AS AMENDED - PART II OTHER THAN DO (Column 1) SMALL ENTITY SMALL ENTITY OR (Column 2) (Column 3) CT13-1 ADDI-ADDI-ENDMENT A REMADUNG NUMBER PRESENT TIONAL TIONAL RATE RATE AFTER . PREVIOUSLY EXTRA PAID FOR FEE みり Total Minus XS 9-X\$18-OP. Independent Minus X43a XBS-OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +250-OR ADDIT. FEE ADOIT, FEE (Column 1) (Column 2) (Column 3) CLASS ADDI-ADDI-8 PENAMINO NUMBER RESENT TIONAL TIONAL AFTER RATE RATE PREVIOUSLY EXTRA ENDMENT PAID FOR FEE Total Minus X\$18-X\$ 9= OR Independent Minus X43= XB6-OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145e +290= TOTAL ADOIT FEE ADDIT PEE (Cotumn 1) CLAIMS REMAINSHIS (Column 2) (Column 3) ROLEST MUMBER PREVIOUSLY ADDI-ADDI-PRESENT TIONAL TICHAL AFTER RATE RATE PAID FOR Total 22 Mirror 22 XS 9= X318-OR

FORM PTO-678 (Flor 1003)

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If the entry in column 1 is less than the entry in column 2, write "b" in column 3.
If the "Righest Reputer Powletery Paid For" IN THIS SPACE is less than 20, entry "20."
If the "Righest Number Previously Paid For" (N THIS SPACE is less than 3, enter "3."
The "Righest Number Previously Paid For" (Ross or Independent) is the highest number.

PIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

Petron and Statements Often U.S. DEPARTMENT OF COMMEN

OR

OR

XBGs

+290u

X43=

+145=